## AQA, OCR, Edexcel

## A Level

## A Level Biology

**Meiosis Answers** 

Name:



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Total Marks: /21

Marks
2 marks
2 marks
1 mark
2 marks
1 mark
1 mark
3 marks

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2. A) i) – parts of the chromatids cross over and swap places/ Chiasmata form -this occurs in meiosis one -it creates a unique combination of alleles	3 marks
ii)- separation of chromosomes into the daughter cells - random process.	2 marks
iii) The fusion of gametes in fertilisation is random	1 mark
b) i) – different number of chromosomes -means there is one unpaired chromosome - cannot make eggs or sperm in meiosis.	3 marks